

Message

From: Jillian Layton [Jillian.Layton@Tceq.Texas.Gov]
Sent: 12/3/2019 6:25:07 PM
To: Adams, Adam [Adams.Adam@epa.gov]; Loesel, Matthew [loesel.matthew@epa.gov]
Subject: Butadiene Safety Levels

Please see below for our TCEQ toxicologist's recommendation for Butadiene levels and shelter-in-place values.

From: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>
Sent: Tuesday, December 3, 2019 12:12 PM
To: Jillian Layton <Jillian.Layton@Tceq.Texas.Gov>
Cc: Sarah Kirksey <Sarah.Kirksey@tceq.texas.gov>; Hope Davila <Hope.Davila@tceq.texas.gov>
Subject: Fwd: Fire Status

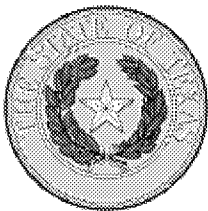
Sent from my iPhone

Begin forwarded message:

From: Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>
Date: December 3, 2019 at 12:07:46 PM CST
To: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>, Kelly Cook <kelly.cook@tceq.texas.gov>, Jonathan Walling <jonathan.walling@tceq.texas.gov>, Cynthia Gandee <Cynthia.Gandee@tceq.texas.gov>, Ramiro Garcia <ramiro.garcia@tceq.texas.gov>, Sabine Lange <Sabine.Lange@tceq.texas.gov>
Subject: RE: Fire Status

No. We don't agree with 67 ppm. That level is within the range that could possibly result in development effects in the fetuses of pregnant women. We would recommend 0.5 to 1 ppm sustained for 5-10 minutes as a shelter-in-place value. Even in this range, butadiene levels could be odorous enough to cause indirect health effects like headache and nausea. On-site personnel are encouraged to use their judgment if the odors resulting from 0.5 to 1 ppm are too strong for kids, regardless of what the data show.

Mike



Michael Honeycutt, Ph.D.
Director, Toxicology, Risk Assessment, and Research Division
Texas Commission on Environmental Quality

Phone: (512)239-1793
Mobile: (512)623-0916
E-Mail: michael.honeycutt@tceq.texas.gov

From: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>
Sent: Tuesday, December 3, 2019 11:50 AM
To: Kelly Cook <kelly.cook@tceq.texas.gov>; Jonathan Walling <jonathan.walling@tceq.texas.gov>;

Cynthia Gandee <Cynthia.Gandee@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Sabine Lange <Sabine.Lange@tceq.texas.gov>; Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>

Subject: FW: Fire Status

Can someone look at this request and let us know if the levels proposed are protective? Thanks.

From: Jillian Layton <Jillian.Layton@Tceq.Texas.Gov>

Sent: Tuesday, December 3, 2019 10:53 AM

To: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>

Subject: RE: Fire Status

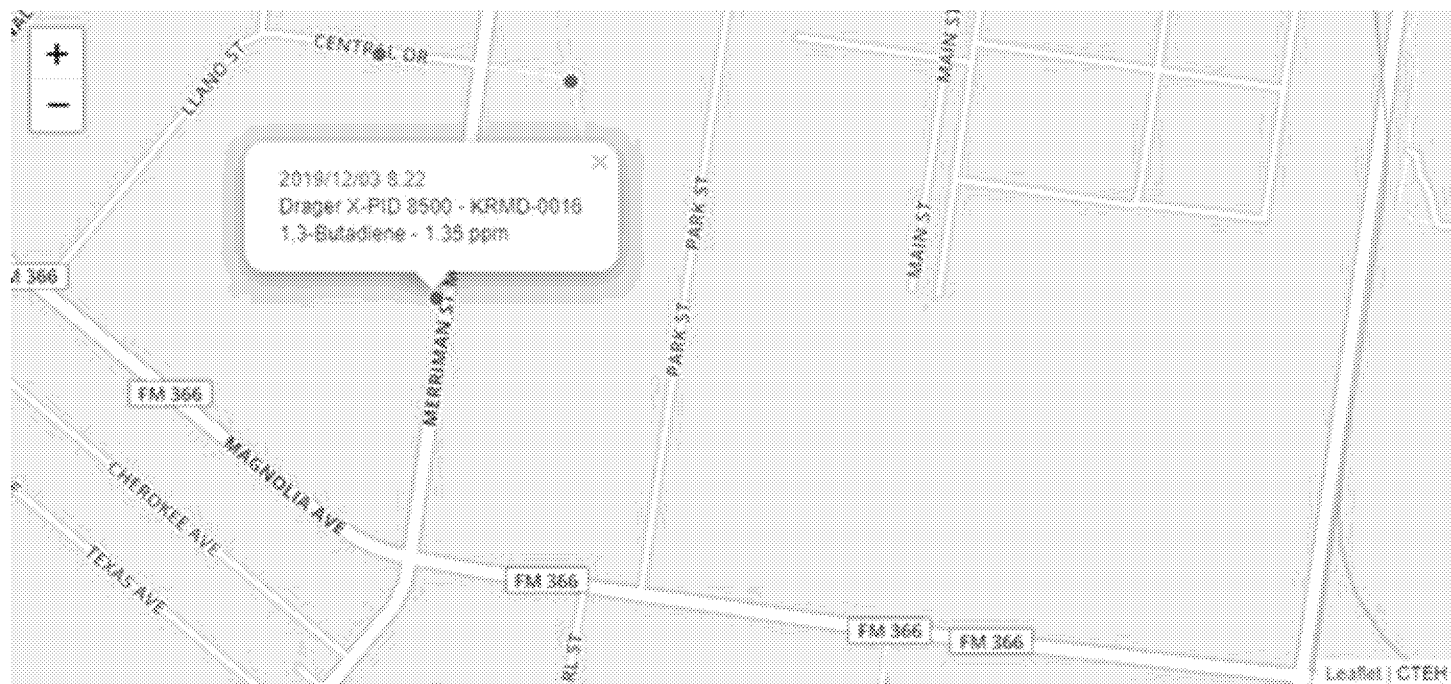
Update:

The strike team went to the area and no more readings above-action level (0.5ppm for 1,3-Butadiene (BD) and 5.0ppm for VOCs) were recorded. They recorded a sustained reading of 1.2ppm of BD at around 8:20am this morning. They recorded a max reading of 1.35ppm BD (seen below) at Port Neches Middle School.

TPC is requesting advice/feedback on the following parameters that CTEH's toxicologist has determined for action-levels for shelter-in-place/potential evacuation of the schools that are nearby (Port Neches Middle School, Port Neches Elementary School, and Port Neches-Groves High School):

At 10ppm BD, CTEH's toxicologist will go to the location of the reading and evaluate. At 60-67ppm BD they will alert school officials to evaluate shelter-in-place/evacuation measures. They determined 60-67ppm BD due to Acute Exposure Guidelines (EPA) of (AEGL1) 670ppm for 10 min – they took 10% of this amount.

Does this sound appropriate? We are in contact with the school officials and are able to contact them ASAP if we get high readings.



Thanks,

Jillian Layton TCEQ Region 10 | Environmental Investigator III



From: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>

Sent: Tuesday, December 3, 2019 9:17 AM

To: Jillian Layton <Jillian.Layton@Tceq.Texas.Gov>

Subject: FW: Fire Status

I told them that Kelly Cook has access to the website. Can you answer the first question?

From: Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>

Sent: Tuesday, December 3, 2019 9:12 AM

To: Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Toby Baker <Toby.Baker@tceq.texas.gov>;

Stephanie Bergeron Perdue <Stephanie.Bergeron_Perdue@tceq.texas.gov>; Steven Schar

<Steven.Schar@Tceq.Texas.Gov>; Ferrell Fields <Ferrell.Fields@tceq.texas.gov>; Ryan Vise

<Ryan.Vise@Tceq.Texas.Gov>; Sabine Lange <Sabine.Lange@tceq.texas.gov>

Cc: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>; Kelly Cook <kelly.cook@tceq.texas.gov>; Jonathan

Walling <jonathan.walling@tceq.texas.gov>; Cynthia Gandee <Cynthia.Gandee@tceq.texas.gov>; Susan

Johnson <susan.johnson@tceq.texas.gov>; Tracy Miller <tracy.miller@tceq.texas.gov>; Jayme Sadlier

<jayme.sadlier@tceq.texas.gov>; Richard Chism <Richard.Chism@tceq.texas.gov>; Brandy Brooks

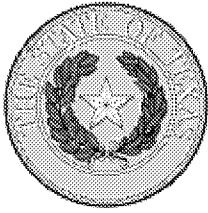
<brandy.brooks@tceq.texas.gov>

Subject: RE: Fire Status

Do we know what time CTEH got the detection and if it was sustained? Did we ever get a link to the CTEH website containing their data like they had with the ITC incident?

Thanks,
Mike

Michael Honeycutt, Ph.D.
Director, Toxicology, Risk Assessment, and Research Division
Texas Commission on Environmental Quality



Phone: (512)239-1793
Mobile: (512)623-0916
E-Mail: michael.honeycutt@tceq.texas.gov

From: Ramiro Garcia <ramiro.garcia@tceq.texas.gov>
Sent: Tuesday, December 3, 2019 8:51 AM
To: Toby Baker <Toby.Baker@tceq.texas.gov>; Stephanie Bergeron Perdue <Stephanie.Bergeron_Perdue@tceq.texas.gov>; Steven Schar <Steven.Schar@Tceq.Texas.Gov>; Ferrell Fields <Ferrell.Fields@tceq.texas.gov>; Ryan Vise <Ryan.Vise@Tceq.Texas.Gov>; Michael Honeycutt <Michael.Honeycutt@tceq.texas.gov>; Sabine Lange <Sabine.Lange@tceq.texas.gov>
Cc: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>; Kelly Cook <kelly.cook@tceq.texas.gov>; Jonathan Walling <jonathan.walling@tceq.texas.gov>; Cynthia Gandee <Cynthia.Gandee@tceq.texas.gov>; Susan Johnson <susan.johnson@tceq.texas.gov>; Tracy Miller <tracy.miller@tceq.texas.gov>; Jayme Sadlier <jayme.sadlier@tceq.texas.gov>; Richard Chism <Richard.Chism@tceq.texas.gov>; Brandy Brooks <brandy.brooks@tceq.texas.gov>
Subject: FW: Fire Status

Good morning,

Below is the overnight update from our Beaumont investigator, Jillian Layton.

As Jillian was typing the update, she was informed that CTEH got a Butadiene hit of 1.2ppm at Port Neches Middle School (action-level for strike team is 0.5ppm). The county judge was being alerted as she typed the email. The strike team was sent out to verify readings (they were nearby).

We will keep you updated.

-Ramiro

From: Kelly Cook <kelly.cook@tceq.texas.gov>
Sent: Tuesday, December 3, 2019 8:45 AM
To: Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; Jonathan Walling <jonathan.walling@tceq.texas.gov>
Subject: FW: Fire Status

FYI

From: Jillian Layton <Jillian.Layton@Tceq.Texas.Gov>
Sent: Tuesday, December 3, 2019 8:36 AM
To: Kelly Cook <kelly.cook@tceq.texas.gov>
Cc: Pratima Singh <Pratima.Singh@tceq.texas.gov>; Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>; Sarah Kirksey <Sarah.Kirksey@tceq.texas.gov>; Hope Davila <Hope.Davila@tceq.texas.gov>
Subject: RE: Fire Status

No alligators popped up overnight! It was a quiet night with the fire, minus a pump that burned up, but they got one up and running quickly! But when the pump went out overflow at Outfall 201 occurred. It should be getting under control very soon.

We got some Butadiene hits overnight (none in community areas). They have a tank (butadiene) that has been leaking off and on – they are developing a plan to get the leak stopped as we speak. We believe this may be connected to the Butadiene tanks. I'll update when I get an update. They did a drone flyover of this tank and we could see a small leak via the IR camera.

Otherwise, it was a quiet...

As I am typing this CTEH got a Butadiene hit of 1.2ppm at Port Neches Middle School (action-level for strike team is 0.5ppm). The county judge is being alerted as I type this. We have sent the strike team out to verify readings (they were nearby). We'll keep y'all updated!

Thanks,

Jillian Layton TCEQ Region 10 | Environmental Investigator III
3870 Eastex Fwy, Beaumont, TX 77703 | P: 409.898.3838 | F: 409.892.2119
E: Jillian.Layton@tceq.texas.gov | <https://www.tceq.texas.gov/>
If you would like to comment on my customer service, you can use the following link:
<https://www.tceq.texas.gov/customersurvey>



From: Kelly Cook <kelly.cook@tceq.texas.gov>
Sent: Tuesday, December 3, 2019 8:12 AM
To: Kathy Saucedo <Kathy.Saucedo@tceq.texas.gov>; Sarah Kirksey <Sarah.Kirksey@tceq.texas.gov>; Hope Davila <Hope.Davila@tceq.texas.gov>; Jillian Layton <Jillian.Layton@Tceq.Texas.Gov>
Subject: Fire Status

Anything new with the fire? Hopefully no more alligators.

Kelly W. Cook, Director
Critical Infrastructure Division
Office Of Compliance and Enforcement
Texas Commission on Environmental Quality